

PTO/SB/21 (09-04)

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FORM**

Application Number	10/054,257
Filing Date	January 22, 2002
First Named Inventor	Frederick R. Bean et al.
Art Unit	3724
Examiner Name	P. Nguyen
Attorney Docket Number	TN-2239

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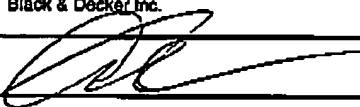
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Firm	Black & Decker Inc.		
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Printed Name	Adan Ayala, Esq.		
Date	June 1, 2005	Reg. No.	38,373

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Typed or printed name	Adan Ayala, Esq.	Date	June 1, 2005

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Serial No. 10/054,257

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Resp. to Office Action of Feb. 8, 2005

UTILITY PATENT

B&D No. TN -2239

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Frederick R. BEAN et al.

Serial No.: 10/054,257

Examiner: P. Nguyen

Filed: January 22, 2002


Group Art Unit: 3724

For: MITER SAW

Assistant Commissioner for Patents
Washington, DC 20231

RESPONSE TO OFFICE ACTION

I, Adan Ayala, PTO Reg. No. 38,373, hereby certify that this correspondence
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Adan Ayala

Dear Sir:

This is in response to the Office Action of February 8, 2005.

Currently in the application are Claims 1-7, 9-10 and 13-16.

The Examiner rejected Claims 1-7 under 35 USC § 112, first paragraph, for failing to
comply with the enablement requirement. This rejection is respectfully traversed.

In particular, the Examiner has noted that the phrase "said wearing ring not having any
movable portions disposed between the table and base assembly." The Examiner asks "how can
there be non-movable portions on the wear ring?" As shown in FIG. 2 of the application, the wear
ring does not have any moving portions, such as the cylinder bearings of US Patent No. 6,431,042
("Brault"). Accordingly, the phrase (and claims) have been enabled.

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The Examiner also rejected Claim 12 under 35 USC § 112, second paragraph, as having been indicated to be pending and canceled. Applicants confirm that it was Applicants' intent to cancel Claim 12.

The Examiner rejected Claims 1-7 under 35 USC § 102(e) as being anticipated by US Patent No. 6,431,042 ("Brault"). This rejection is respectfully traversed.

Claim 1 calls for a miter saw comprising a base assembly, a table rotatably attached to the base assembly, a saw assembly pivotably attached to the table, and a wear ring non-fixedly disposed between the base assembly and the table, the wear ring having a substantially L-shaped cross-section, where the wear ring does not have any movable portions disposed between the table and base assembly.

Admittedly, Brault has a base assembly, a table rotatably attached to the base assembly, a saw assembly pivotably attached to the table, and a wear ring non-fixedly disposed between the base assembly and the table. However, the wear ring has bearings 130 disposed between the table and base assembly.

By contradistinction, Claim 1 requires that the wear ring not have "any movable portions disposed between the table and base assembly." Because Brault's wear ring has bearings 130, it does have movable portions between the table and base assembly. Therefore, Brault cannot anticipate Claim 1 and its dependent claims.

The Examiner rejected Claim 9-10 under 35 USC § 102(e) as being anticipated by US Patent No. 6,418,830 ("Stumpf"). This rejection is respectfully traversed.

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Claim 9 calls for a miter saw comprising a base assembly, a table rotatably attached to the base assembly, a saw assembly pivotably attached to the table, a fixed fence attached to the base assembly, and a sliding fence slidably attached to the fixed fence, the sliding fence having at least one hole for fixing an end stop fixture thereto. Claim 10 is dependent upon Claim 9.

Admittedly, Stumpf shows a miter saw comprising a base assembly, a table rotatably attached to the base assembly, a saw assembly pivotably attached to the table, a fixed fence attached to the base assembly, and a sliding fence slidably attached to the fixed fence. However, Stumpf does not show the sliding fence having at least one hole for fixing an end stop fixture thereto.

By contradistinction, Claim 9 calls for "the sliding fence having at least one hole for fixing an end stop fixture thereto."

The Examiner has noted that sliding fence 132 has a hole 178 for fixing an end stop fixture 68. This is incorrect. Reference numeral "68" refers to a bolt for fixing the location of sliding fence 132. This bolt cannot be used as an end stop fixture contacting a workpiece, as shown in FIG. 14 of the present application. This is because bolt 68 is enclosed by the fixed and sliding fences and never contacts the workpiece. Because Stumpf does not show a sliding fence "having at least one hole for fixing an end stop fixture thereto," it cannot render Claims 9-10 unpatentable.

The Examiner has argued that the limitation "end stop fixture" is not defined in the claimed language, and thus Stumpf would anticipate Claim 9-10. Such interpretation of "end stop fixture" is incorrect.

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Admittedly, during examination, "the claims must be interpreted as broadly as their terms reasonably allow." MPEP § 2111.02(I). However, this "means that the words of the claim must be given their plain meaning unless applicant has provided a clear definition in the specification." *Id.* (citing *In re Zletz*, 893 F.2d 319, 321, 13 USPQ2d 1320, 1322 (Fed. Cir. 1989)). In other words, the words of the claim must be given "the ordinary and customary meanings attributed to them by those of ordinary skill in the art." MPEP § 2111.02(II).

"End stop fixture" has not been defined in the specification. However, such phrase can be easily understood by a person of ordinary skill in the art. Attached are print-outs of the definitions of "stop" and "fixture" according to the Merriam-Webster's Online Dictionary (www.m-w.com). According to such definitions, "stop" means "a device for arresting or limiting motion." "Fixture" means "a device for supporting work during machining." Accordingly, a persons skilled in the art would understand "stop fixture" to be a device that supports a workpiece and arrests the motion of such workpiece during machining.

Based on such plain meaning, the bolt 68 cannot be the claimed end stop fixture contacting a workpiece because bolt 68 is enclosed by the fixed and sliding fences and never contacts the workpiece. Therefore, Stumpf does not show a sliding fence "having at least one hole for fixing an end stop fixture thereto," and cannot render Claims 9-10 unpatentable.

The Examiner also rejected Claims 13-16 under 35 USC § 102(b) as being anticipated by US Patent No. 5,778,747 ("Chen"). This rejection is respectfully traversed.

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Claim 13 calls for a chop saw comprising a base assembly, and a saw assembly pivotably attached to the base assembly, the saw assembly comprising an upper blade guard, a plate rotatably attached to the upper blade guard, a lower blade guard rotatably attached to the plate, and a screw engaging the upper blade guard for fixing the plate, wherein at least one of the upper blade guard and plate have a first tab extending outwardly a first distance near the screw, the screw being required to be moved a second distance longer than the first distance in order to pivot the plate, the second distance being longer than the distance between the lower blade guard and the upper blade guard.

Admittedly, Chen shows a chop saw with a base assembly, and a saw assembly pivotably attached to the base assembly, the saw assembly comprising an upper blade guard, a plate rotatably attached to the upper blade guard, a lower blade guard rotatably attached to the plate, and a screw engaging the upper blade guard for fixing the plate.

However, Chen does not show the screw being required to be moved a second distance longer than the first distance in order to pivot the plate, or that the second distance is longer than the distance between the lower blade guard and the upper blade guard. The Examiner has argued that the first distance is the thickness of the first tab, and that it is inherent to "unscrew the screw a distance longer than the first distance to pivot the plate 88."

Assuming for the sake of argument that the Examiner's interpretation of Claim 13 and Chen are correct, Chen still does not show all the claimed elements. In particular, Chen does not show or

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suggest that the second distance is longer than the distance between the lower blade guard and the upper blade guard.

By contradistinction, Claim 13 requires that "the second distance be[ing] longer than [the] distance between the lower blade guard and the upper blade guard." Since Chen is silent as to the distance required for the screw to allow pivoting of the plate, it cannot teach or suggest all the claimed elements. Accordingly, Chen cannot anticipate Claim 13 and its dependent claims.

The Commissioner is authorized to charge payment of a one-month extension fee (\$120.00), as well as any other fees due in processing this amendment, or credit any overpayment to Deposit Account No. 02-2548.

In view of the foregoing, Claims 1-7, 9-10 and 13-16 are patentable and the application is believed to be in condition for formal allowance.

Respectfully submitted,



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